10/27/86 A8920-5

The Society of the
Plastics Industry, Inc.

SPI

Monthly Statistical Report-Resins

355 Lexington Avenue
New York, New York 10017
(212) 503-0600

FOR THE MONTH AND PERIOD ENDED August 1986

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & WHINNEY, WASHINGTON, D.C.

NOTE TO USERS:

PLEASE USE THE FOLLOWING LEGEND WHEN QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & WHINNEY

RELEASE DATE: October 15, 1986

The figures published in this report are reflective of the relevant segment of the industry. In accordance with SPI policy and regulations of the Committee on Resin Statistics, figures will not be published which tend to identify, directly or indirectly, a participant's individual data. Any figures withheld to avoid disclosure are identified by the letter "D" at the applicable line or space of the report. A line will be identified by a "D" if one company has more than 65% of that line, or if there are less than four companies reporting on that line.

PART 300/400
NON-PART 400/500

SPI

SECTION I

CRS

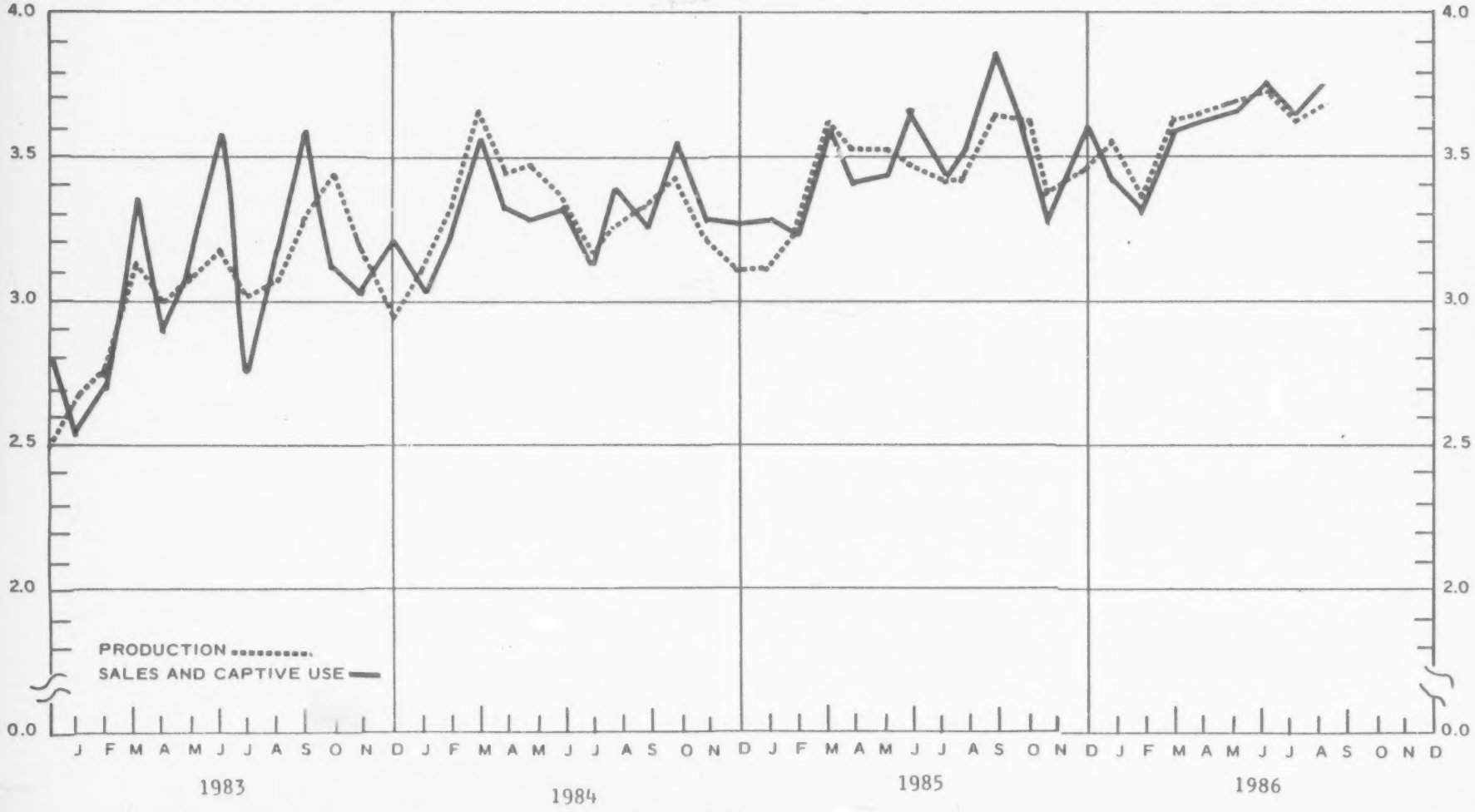
MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS

(In billion of pounds)

AUGUST 1986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PRODUCTION
SALES AND CAPTIVE USE
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Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)(1)

August 1986

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	August			YEAR TO DATE			August			YEAR TO DATE		
	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change
EPOXY RESINS, TOTAL	30,726	31,693	- 3.1	252,979	251,909	+ 0.4	31,289	34,006	- 8.0	263,519	257,550	+ 2.3
POLYESTER (UNSATURATED) RESINS, TOTAL	102,021	103,821	- 1.7	851,322	840,224	+ 1.3	104,770	102,746	+ 2.0	855,550	836,038	+ 2.3
UREA RESINS, TOTAL	103,634	94,245	+10.0	824,444	796,520	+ 3.5	105,087	95,185	+10.4	829,522	802,583	+ 3.4
MELAMINE RESINS, TOTAL	15,062	16,691	- 9.8	125,331R	129,251	- 3.0	13,025	15,895	-18.1	113,889R	127,991	-11.0
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	226,354	221,217	+ 2.3	1,838,872R	1,726,219	+ 6.5	226,919	218,739	+ 3.7	1,809,573	1,711,607	+ 5.7
THERMOSETTING RESINS, TOTAL	477,797	467,667	+ 2.2	3,892,948R	3,744,123	+ 4.0	481,090	466,571	+ 3.1	3,872,053R	3,735,769	+ 3.6
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	767,258	727,523	+ 5.5	5,782,588R	5,780,223	+ 0.0	710,921	742,722	- 4.3	5,873,571R	5,823,527	+ 0.9
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	627,742	592,465	+ 6.0	4,569,946R	4,308,326	+ 6.1	631,833	547,194	+15.5	4,722,638R	4,399,875	+ 7.3
POLYPROPYLENE, TOTAL	513,037	439,558	+16.7	3,765,865	3,451,137	+ 9.1	485,730	438,078	+10.9	3,783,029	3,377,554	+12.0
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	86,331	81,630	+ 5.8	693,036R	692,496	+ 0.1	89,870	94,496	- 4.9	705,442	718,553	- 1.8
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	7,030	6,745	+ 4.2	50,368	59,327	-15.1	7,435	6,295	+18.1	56,669	59,526	- 4.8
POLYSTYRENE RESINS, TOTAL	361,525	340,178	+ 6.3	2,922,945	2,701,156	+ 8.2	377,487	333,870	+13.1	2,903,565	2,679,564	+ 8.4
STYRENE BASED LATEXES, TOTAL **	74,817	70,940	+ 5.5	565,774R	528,142	+ 7.1	71,529	67,604	+ 5.8	534,054R	487,367	+ 9.6
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene	23,786	23,602	+ 0.8	189,151	178,728	+ 5.8	24,677	22,148	+11.4	186,284	180,337	+ 3.3
NYLON RESINS, TOTAL	35,336	31,313	+12.8	290,787	263,987	+10.2	35,846	31,956	+12.2	312,286	263,313	+18.6
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	613,258	565,469	+ 8.5	4,819,543	4,412,580	+ 9.2	598,342	521,367	+14.8	4,752,970	4,435,902	+ 7.1
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	57,823	61,015	- 5.2	467,428	461,650	+ 1.3	* 57,823	* 61,015	- 5.2	* 467,428	* 461,650	+ 1.3
POLYVINYL ALCOHOL, TOTAL &	D(4)	13,460		D(4)	97,053		D(4)	12,205		D(4)	94,969	
OTHER VINYL RESINS, TOTAL	13,945	16,131	-13.6	126,457	127,860	- 1.1	13,944	16,340	-14.7	132,180	127,114	+ 4.0
THERMOPLASTIC POLYESTER, TOTAL	96,687	77,550	+24.7	748,637	626,768	+19.4	93,844	76,800	+22.2	750,748	643,026	+16.8
THERMOPLASTIC RESINS, TOTAL	3,278,575	3,047,579	+ 7.6	24,992,525R	23,689,433	+ 5.5	3,199,281	2,972,090	+ 7.6	25,180,864R	23,752,277	+ 6.0
GRAND TOTAL	3,756,372	3,515,246	+ 6.9	28,885,473R	27,433,556	+ 5.3	3,680,371	3,438,661	+ 7.0	29,052,917R	27,488,044	+ 5.7

(1) = Except phenolic resins which are reported on a gross weight basis

* = These data equal that reported for Sales & Captive Use to more closely represent the ratio between Total Production and Total Sales & Captive Use. Actual production of PVAc is significantly higher than that shown here.

& = Includes imputed data

** = Sales and Captive Use figures include some Canadian produced material.

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D = Disclosure
R = Revision

(4) = The Publishing of PVOH data is temporarily suspended until further notice.

SPI

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In millions of pounds, dry weight basis)(1)

CRS

August 1986

RESIN KIND	August				YEAR-TO-DATE				
	Production	Imports	Exports*	Apparent Consumption	Production	Imports	Exports*	Apparent Consumption	Import % of Apparent Consumption
EPOXY RESINS, TOTAL	31	1	10	22	264	11	67	208	5
POLYESTER (UNSATURATED) RESINS, TOTAL	105	1	2	104	856	4	18	842	0
UREA RESINS, TOTAL	105	2	0	107	830	18	1	847	2
MELAMINE RESINS, TOTAL	13	0	1	12	114	2	14	102	2
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	227	3	3	227	1,810	27	25	1,812	1
THERMOSETTING RESINS, TOTAL	481	7	16	472	3,874	62	125	3,811	2
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	711	67	94	684	5,874	474	557	5,791	8
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	632	3	74	561	4,723	28	597	4,154	1
POLYPROPYLENE, TOTAL	486	3	112	377	3,783	18	744	3,057	1
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	90	6	2	94	705	51	60	696	7
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	7	0	2	5	57	0	9	48	0
OTHER STYRENICS	96	3	12	87	720	35	65	690	5
POLYSTYRENE, TOTAL	377	2	14	365	2,904	16	77	2,843	1
NYLON RESINS, TOTAL	36	2	7	31	312	17	43	286	6
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	598	20	30	588	4,253	161	212	4,702	3
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	58	2	9	51	467	15	51	431	3
POLYVINYL ALCOHOL, TOTAL	D(4)	-	-	-	D(4)	-	-	-	-
OTHER VINYL RESINS, TOTAL	14	3	4	13	132	27	32	127	21
THERMOPLASTIC POLYESTER, TOTAL	94	1	14	81	751	17	83	685	2
THERMOPLASTIC RESINS, TOTAL	3,199	112	374	2,937	25,181	859	2,530	23,510	4
GRAND TOTAL	3,680	119	390	3,409	29,055	921	2,655	27,321	3

(1) = Except phenolic resins which are reported on a gross weight basis

(4) = The publishing of PVOH data has been suspended until further notice.

D = Disclosure

R = Revision

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Sources: Production – SPI Monthly Statistical Report
Imports – Bureau of Census IM 146
Exports – Bureau of Census EM 546

* = Bureau of Census exports will differ from the SPI exports as published on pages 4 through 11 of this report.

	Import No. (1)	Export No. (2)
Epoxy	409.0200	444.5410/444.5420
Polyester, Unsaturated	409.1000	444.6000
Urea	445.3540	444.5220
Melamine	445.3520	444.5210
Phenolic	409.0600	444.5810/444.5820
Low Density Polyethylene	445.3010	444.1610
High Density Polyethylene	445.3020	444.1620
Polypropylene	445.5200	444.1700
ABS	408.7200	444.2010
SAN	408.8100	444.2020
Other Styrenics	408.7600/408.8450	444.2050
Polystyrene	408.8420	444.2030/444.2040
Nylon	408.6100	444.1210
PVC	445.4600	444.2310/444.2320
Vinyl Acetate	445.4400	444.2120
Polyvinyl Alcohol	445.4200	444.2110
Other Vinyls	445.4800	444.2330
Thermoplastic Polyester	408.6800	444.1500

(1) Tariff Schedules of the U.S. Annotated
(2) Schedule B

MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

THERMOSETTING RESINS — August 1986

RESIN KIND & USE	SALES & CAPTIVE USE — August 1986	August 1985	% Change	YEAR-TO-DATE 1986	YEAR-TO-DATE 1985	% Change	PRODUCTION — August 1986	August 1985	% Change	YEAR TO DATE 1986	YEAR TO DATE 1985	% Change
EPOXY RESINS, TOTAL	30,726	31,693	- 3.1	252,979	251,909	+ 0.4	31,289	34,006	- 8.0	263,519	257,550	+ 2.3
Total Exports	4,001	3,735	+ 7.1	35,225	30,094	+17.0						
Captive Use, Total	1,237	1,302	- 5.0	8,817	10,001	-11.8						
Domestic Sales, Total	25,488	26,656	- 4.4	208,937	211,814	- 1.4						
Domestic Sales & Captive Use, Total	26,725	27,958	- 4.4	217,754	221,815	- 1.8						
Bonding & Adhesives	1,527	1,490	+ 2.5	13,078	12,056	+ 8.5						
Flooring, Paving & Exposed Aggregate	1,477	1,375	+ 7.4	13,448	11,675	+15.2						
Protective Coatings	13,993	15,121	- 7.5	110,183	116,027	- 5.0						
Fiber Reinforced Laminates & Composites, Total	5,551	5,344	+ 3.9	47,096	45,978	+ 2.4						
FRL&C for Printed Wiring Board	3,833	3,366	+13.9	32,152	29,412	+ 9.3						
All Other FRL&C	1,718	1,978	-13.1	14,944	16,566	- 9.8						
Tooling, Casting & Molding Resins	2,068	2,036	+ 1.6	15,426	16,125	- 4.3						
All Other Uses	2,109	2,592	-18.6	18,523	19,954	- 7.2						
POLYESTER (UNSATURATED) RESINS, TOTAL	102,021	103,821	- 1.7	851,2	840,224	+ 1.3	104,770	102,746	+ 2.0	855,550	836,038	+2.3
Total Exports	654	868	-24.1	6,729	6,020	+11.8						
Total Domestic	101,367	102,953	- 1.5	844,593	834,204	+ 1.2						
General Purpose Resins, Total	86,617	90,079	- 3.8	732,019	729,836	+ 0.3						
General Purpose – Thixotropic	40,723	41,129	- 1.0	325,683	310,954	+ 4.7						
General Purpose – Press Molding	12,924	11,636	+11.1	106,772	104,602	+ 2.1						
General Purpose – All Other	32,970	37,314	-11.6	299,564	314,280	- 4.7						
Flame Retardant Resins	2,131	1,978	+ 7.7	16,841	16,069	+ 4.8						
Chemical Resistant Resins	12,619	10,896	+15.8	95,733	88,299	+ 8.4						
Chemical Resistant Isophthalic Resins	10,005	8,221	+21.7	77,074	66,746	+15.5						
All Other Chemical Resistant Resins	2,614	2,675	- 2.3	18,659	21,553	-13.4						
Reinforced Plastics, Total	75,542	78,778	- 4.1	643,538	644,110	- 0.0						
Non-Reinforced Plastics, Total	25,825	24,175	+ 6.8	201,055	190,094	+ 5.8						

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R - Revision

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SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)(1)

THERMOSETTING RESINS

August 1986

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	August			YEAR TO DATE			August			YEAR TO DATE		
	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change
UREA RESINS, TOTAL	103,634	94,245	+10.0	824,444	796,520	+ 3.5	105,087	95,185	+10.4	829,522	802,583	+ 3.4
MELAMINE RESINS, TOTAL	15,062	16,691	- 9.8	125,331R	129,251	- 3.0	13,025	15,895	-18.1	113,889R	127,991	-11.0
UREA & MELAMINE RESINS, TOTAL	118,696	110,936	+ 7.0	949,775R	925,771	+ 2.6	118,112	111,080	+ 6.3	943,411R	930,574	+ 1.4
Total Exports	D	D		D	D							
Total Domestic*	118,696	110,936	+ 7.0	949,775R	925,771	+ 2.6						
Textile Treating & Coating Resins	1,331	1,524	-12.7	12,254	12,150	+ 0.9	1,955	2,446	-20.1	16,854	17,850	- 5.6
Paper Treating & Coating Resins	7,170	8,230	-12.9	65,803	67,163	- 2.0	7,151	9,060	-21.1	66,404	72,547	- 8.5
Molding Compounds	D	D		D	D		D	D		D	D	
Bonding & Adhesive Resins for:	93,650	81,654	+14.7	735,734R	698,689	+ 5.3	94,030	81,924	+14.8	733,085R	700,480	+ 4.7
Laminating	3,420	3,606	- 5.2	28,439R	29,393	- 3.2	3,326	3,472	- 4.2	26,624R	29,169	- 8.7
Plywood	4,344	4,797	- 9.4	39,451	37,722	+ 4.6	4,188	4,754	-11.9	39,630	37,886	+ 4.6
Fibrous & Granulated Wood (Particle Board)	85,886	73,251	+17.2	667,844	631,574	+ 5.7	86,516	73,698	+17.4	666,831	633,425	+ 5.3
Protective Coatings (Straight & Modified)	8,099	8,189	- 1.1	69,043	60,294	+14.5	7,438	7,361	+ 1.0	67,704	63,499	+ 6.6
All Other Uses (Includes Molding Compounds, and Exports)	8,446	11,339	-25.5	66,941	87,475	-23.5	7,538	10,289	-26.7	59,364	76,198	-22.1
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	226,354	221,217	+ 2.3	1,838,872R	1,726,219	+ 6.5	226,919	218,739	+ 3.7	1,809,573	1,711,607	+ 5.7
Total Exports	1,269	2,039	-37.8	9,616	14,681	-34.5						
Total Domestic	225,085	219,178	+ 2.7	1,829,256R	1,711,538	+ 6.9						
Molding Compounds	15,872	17,509	- 9.3	134,853	140,328	- 3.9	18,214	16,850	+ 8.1	140,406	144,236	- 2.7
Bonding & Adhesive Resins for:	181,304	196,297	- 7.6	1,618,444R	1,526,671	+ 6.0	180,822	196,324	- 7.9	1,592,516	1,522,601	+ 4.6
Laminating	13,991	9,127	+53.3	132,897R	94,334	+40.9	11,473	8,583	+33.7	110,673	83,659	+32.3
Coated & Bonded Abrasives	1,588	1,194	+33.0	12,370	11,144	+11.0	1,598	1,197	+33.5	12,425	11,176	+11.2
Friction Materials	2,317	2,283	+ 1.5	19,331	18,055	+ 7.1	2,327	2,388	- 2.6	18,855	17,958	+ 5.0
Insulation Materials	33,777	40,707	-17.0	275,869	268,325	+ 2.8	34,156	41,130	-17.0	269,089	270,902	- 0.7
Foundry & Shell Molding	3,185	5,813	-45.2	28,574	52,788	-45.9	3,261	5,736	-43.1	28,436	54,486	-47.8
Plywood	100,579	103,166	- 2.5	849,029	818,574	+ 3.7	101,445	104,171	- 2.6	850,559	819,330	+ 3.8
Fibrous & Granulated Wood	20,505	17,011	+20.5	169,785	139,873	+21.4	21,892	16,405	+33.4	172,999	139,581	+23.9
Resins Sold to Rubber Industry	2,785	2,192	+27.1	21,019	18,211	+15.4	2,012	1,880	+ 7.0	19,517	19,794	- 1.4
All Other	2,577	14,804	-82.6	109,570	105,367	+ 4.0	2,658	14,834	-82.1	109,963	105,715	+ 4.0
Protective Coatings - Unmodified & Modified	2,109	1,867	+13.0	14,959	15,615	- 4.2	2,073	1,927	+ 7.6	14,773	15,642	- 5.6
Resins Sold to Rubber Industry, Non-Adhesive Uses #	D	D		D	D		D	D		D	D	
All Other Uses #	25,800	3,505	+636.1	61,000	28,924	+110.9	25,810	3,638	+609.5	61,878	29,128	+112.4

(1) = Except phenolic resins which are reported on a gross weight basis

* = Domestic total includes exports.

\# = Due to disclosure problem, All Other Uses includes Resins Sold to Rubber Industry, Non-Adhesive Uses.

D = Disclosure

R = Revision

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SPI

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

CRS

THERMOPLASTIC RESINS

August 1986

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	August			YEAR TO DATE			August			YEAR TO DATE		
	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	767,258	727,523	+ 5.5	5,782,588R	5,780,223	+ 0.0	710,921	742,722	- 4.3	5,873,571R	5,823,527	+ 0.9
Total Exports	93,590	128,328	-27.1	634,984R	821,731	-22.7						
Total Domestic	673,668	599,195	+12.4	5,147,604R	4,958,492	+ 3.8						
Film (12 Mils & Below)	425,444	367,916	+15.6	3,101,482R	3,059,691	+ 1.4						
Sheet (Over 12 Mils)	D(3)	D(3)		D(3)	D(3)							
Injection Molding	48,592	37,952	+28.0	381,761	377,852	+ 1.0						
Wire & Cable	30,143	29,451	+ 2.3	229,291	233,382	- 1.8						
Extrusion Coating	52,067	47,039	+10.7	441,878	432,273	+ 2.2						
Blow Molding	2,075	3,155	-34.2	26,690	32,141	-17.0						
Pipe & Conduit, Total	3,049	2,655	+14.8	20,934	21,030	- 0.5						
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe & Conduit	D	D		D	D							
Other Extruded Products	8,425	6,668	+26.3	74,780	55,033	+35.9						
Resellers & Compounders	45,231	*		401,259	*							
All Other Uses	58,642	104,359	-43.8	469,529	747,090	-37.2						
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	627,742	592,465	+ 6.0	4,569,946R	4,308,326	+ 6.1	631,833	547,194	+15.5	4,722,638R	4,399,875	+ 7.3
Total Exports	79,075	88,770	-10.9	598,191R	551,106	+ 8.5						
Total Domestic	548,667	503,695	+ 8.9	3,971,755R	3,757,220	+ 5.7						
Film (12 Mils & Below)	42,524	37,277	+14.1	306,861R	278,564	+10.2						
Sheet (Over 12 Mils)	14,695	13,431	+ 9.4	113,331	86,477	+31.1						
Injection Molding	146,663	141,776	+ 3.4	1,017,648	1,000,684	+ 1.7						
Wire & Cable	10,970	8,858	+23.8	82,083	78,802	+ 4.2						
Extrusion Coating	D(2)	D(2)		D(2)	D(2)							
Blow Molding	217,476	198,241	+ 9.7	1,556,313	1,444,790	+ 7.7						
Pipe & Conduit, Total	46,992	45,491	+ 3.3	296,904	322,603	- 8.0						
Corrugated Pipe & Conduit	17,051	9,669	+76.3	101,162	88,203	+14.7						
Non-Corrugated Pipe & Conduit	29,941	35,822	-16.4	195,742	234,400	-16.5						
Other Extruded Products	1,892	2,551	-25.8	27,896	27,169	+ 2.7						
Resellers & Compounders	38,016	*		345,024R	*							
All Other Uses	29,439	56,070	-47.5	225,695R	518,131	-56.4						

(2) = Included in Other Extruded Products
(3) = Included in Film
* = 1985 data not available

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MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS — August 1986

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	August			YEAR-TO-DATE			August			YEAR-TO-DATE		
	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change
POLYPROPYLENE, TOTAL	513,037	439,558	+16.7	3,765,865	3,451,137	+ 9.1	485,730	438,078	+10.9	3,783,029	3,377,554	+12.0
Total Exports	109,156	76,028	+43.6	731,114	570,655	+28.1						
Total Domestic	403,881	363,530	+11.1	3,034,751	2,880,482	+ 5.4						
Injection Molding	104,095	103,945	+ 0.1	841,337	845,988	- 0.5						
Appliances	9,520	9,324	+ 2.1	83,244	76,525	+ 8.8						
Consumer Products	25,624	27,668	- 7.4	207,037	208,792	- 0.8						
Rigid Packaging	34,837	10,280	+15.0	287,076	257,246	+11.6						
Transportation	24,059	25,726	- 6.5	191,919	223,055	-14.0						
All Other Injection Molding	10,055	10,947	- 8.1	72,061	80,370	-10.3						
Blow Molding	7,173	8,478	-15.4	68,725	72,426	- 5.1						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film (10 Mils & Below)	44,684	23,939	+86.7	338,213	261,290	+29.4						
Sheet (Over 10 Mils)	3,890	3,971	- 2.0	25,216	29,800	-15.4						
Extrusion Coating	D	D		D	D							
Wire & Cable	D	D		D	D							
Fiber & Filaments	134,041	121,096	+10.7	962,598	948,804	+ 1.5						
Textile Applications	117,661	110,043	+ 6.9	878,642R	877,543	+ 0.1						
Non-Textile Monofilaments	16,380	11,053	+48.2	83,956R	71,261	+17.8						
Pipe & Conduit	D	D		D	D							
Other Extruded Products #	6,629	7,093	- 6.5	58,250	59,189	- 1.6						
Resellers & Compounders	83,221	73,378	+13.4	629,247	538,424	+16.9						
All Other Uses	20,148	21,630	- 6.9	111,165	124,561	-10.8						

= Includes Extrusion Coating, Wire & Cable, Pipe & Conduit

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SPI

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

CRS

THERMOPLASTIC RESINS

August 1986

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	August			YEAR-TO-DATE			August			YEAR-TO-DATE		
	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	86,111	81,630	+ 5.8	693,036R	692,496	+ 0.0	89,870	94,496	- 4.9	705,442	718,553	- 1.8
Total Exports												
Total Domestic												
Electrical & Electronic Uses												
Pipe, Conduit & Fittings												
Transportation												
Consumer & Institutional												
All Other Uses												
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	7,030	6,745	+ 4.2	50,368	59,327	-15.1	7,435	6,295	+18.1	56,669	59,526	- 4.8
Total Exports	2,022	860	+135.1	5,723	5,979	-4.3						
Total Domestic	5,008	5,885	-14.9	44,645	53,348	-16.3						
POLYSTYRENE RESINS, TOTAL	361,525	340,178	+ 6.3	2,922,945	2,701,156	+ 8.2	377,487	333,870	+13.1	2,903,565	2,679,564	+ 8.4
Straight Polystyrene	194,024	184,823	+ 5.0	1,533,949	1,388,945	+10.4	203,470	182,916	+11.2	1,551,221	1,395,339	+11.2
Rubber-Modified Polystyrene	167,501	155,355	+ 7.8	1,388,996	1,312,211	+ 5.9	174,017	150,954	+15.3	1,352,344	1,284,225	+ 5.3
Total Exports	9,801	6,402	+53.1	74,017	57,141	+29.5						
Straight Polystyrene	8,065	4,173	+93.3	49,197	31,105	+58.2						
Rubber-Modified Polystyrene	1,736	2,229	-22.1	24,820	26,036	- 4.7						
Total Domestic	351,724	333,776	+ 5.4	2,848,928	2,644,015	+ 7.8						
Molding	124,273	114,812	+ 8.2	1,001,990	915,799	+ 9.4						
Extrusion	159,706	148,558	+ 7.5	1,286,986	1,145,384	+12.4						
Expandable Polystyrene Beads	42,927	43,030	- 0.2	321,381	334,763	- 4.0						
All Other Uses	24,818	27,376	- 9.3	238,571	248,069	- 3.8						
Polystyrene End Uses, Total**	351,724	333,776	+ 5.4	2,848,928	2,644,015	+ 7.8						
Packaging	91,013	81,476	+11.7	701,596	628,513	+11.6						
Disposables	50,287	38,491	+30.6	377,011	310,488	+21.4						
Consumer and Institutional Products	51,358	56,295	- 8.8	382,921	447,102	-14.4						
Electrical/Electronics	34,218	22,883	+49.5	256,021	205,557	+24.5						
Furniture, Furnishings, Building & Construction	20,414	12,453	+63.9	149,152	99,468	+49.9						
Expandable Polystyrene Beads	42,927	43,030	- 0.2	321,381	334,763	- 4.0						
Resellers and Compounders	38,726	41,950	- 7.7	323,024	347,415	- 7.0						
All Other End Uses	22,781	37,198	-38.8	337,822	270,709	+24.8						

** = Portions of the End Use Section are estimated.

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SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

CRS

THERMOPLASTIC RESINS

August 1986

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	August			YEAR TO DATE			August			YEAR TO DATE		
	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change
STYRENE BASED LATEXES, TOTAL	74,817	70,940	+ 5.5	565,774 R	528,142	+ 7.1	71,529	67,604	+ 5.8	534,054 R	487,367	+ 9.6
Paper Treating	5,026	2,858	+75.9	36,737 R	26,032	+41.1						
Textile Treating	1,518	1,518	+ 0.0	12,502 R	11,545	+ 8.3						
Carpet Backing	31,039	29,006	+ 7.0	207,336 R	203,657	+ 1.8						
All Other Uses (Including Exports & Paper Coating)	37,234	37,558	- 0.9	309,199 R	286,908	+ 7.8						
OTHER STYRENE BASED POLYMERS, TOTAL • 40% or more styrene	23,786	23,602	+ 0.8	189,151	178,728	+ 5.8	24,677	22,148	+11.4	186,284	180,337	+ 3.3
Total Export	D	D		D	D							
Total Domestic	23,786	23,602	+ 0.8	189,151	178,728	+ 5.8						
Molding & Extrusion	19,029	18,642	+ 2.1	150,503	137,001	+ 9.9						
Coatings	4,757	4,960	- 4.1	38,648	41,727	- 7.4						
NYLON RESINS, TOTAL	35,336	31,313	+12.8	290,787	263,987	+10.2	35,846	31,956	+12.2	312,286	263,313	+18.6
Total Exports	3,415	1,686	+102.6	23,098	15,974	+44.6						
Total Domestic	31,921	29,627	+ 7.7	267,689	248,013	+ 7.9						
Injection Molding Grade	20,012	18,853	+ 6.1	173,353	164,108	+ 8.1						
Extrusion Grade	10,117	8,840	+14.4	74,774	67,614	+10.6						
Resellers and Compounders	1,410	1,160	+21.6	11,200	11,420	- 1.9						
All Other Uses	382	774	-50.6	4,362	4,871	-10.4						

••• = Old disclosure rules apply for Styrene Butadiene section. One company cannot be greater than 50% and no two companies can be greater than 75%. For disclosure rules covering other materials, see the back of the cover of the report.

• = Exports are included in Total Domestic and Molding & Extrusion.

Styrene Based Latexes sales includes some Canadian-produced material.

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SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

August 1986

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	August			YEAR-TO-DATE			August			YEAR-TO-DATE		
	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	613,258	565,469	+ 8.5	4,819,543	4,412,580	+ 9.2	598,342	521,367	+14.8	4,752,970	4,435,902	+ 7.1
Homopolymer Resins Including Blending & Latex	567,034	509,566	+11.3	4,424,124	4,000,149	+10.6	555,789	471,14[illegible]	+18.0	4,367,075	4,024,150	+ 8.5
Copolymer Resins Including Blending & Latex	13,647	22,993	-40.6	135,239	170,672	-20.8	12,107	20,99[illegible]	-42.3	130,402	170,444	-23.5
Dispersion Resins	32,577	32,910	- 1.0	260,180	241,759	+ 7.6	30,446	29,229	+ 4.2	255,493	241,308	+ 5.9
Total Exports	30,032	24,881	+20.7	223,161	185,873	+20.1						
Total Domestic	583,226	540,588	+ 7.9	4,596,382	4,226,707	+ 8.7						
Calendering, Total	51,676	59,287	-12.8	474,983R	440,826	+ 7.7						
Flooring	10,219	15,671	-34.8	107,764	102,590	+ 5.0						
Textile	7,403	5,450	+35.8	51,788	47,636	+ 8.7						
All Other Calendering Uses	34,054	38,166	-10.8	315,431R	290,600	+ 8.5						
Coating, Total	26,352	24,909	+ 5.8	207,204	193,757	+ 6.9						
Flooring	11,071	9,582	+15.5	88,227	78,351	+12.6						
Textile & Paper Coating	8,277	8,527	- 2.9	62,479	58,087	+ 7.6						
Protective Coatings	3,431	3,571	- 3.9	30,267	29,952	+ 1.1						
Adhesives & All Other Coating Uses	3,573	3,229	+10.7	26,231	27,367	- 4.2						
Extrusion, Total	383,785	373,469	+ 2.8	3,090,579R	2,960,756	+ 4.4						
Wire & Cable	30,806	39,210	-21.4	270,060	300,195	-10.0						
Film & Sheet	19,233	16,551	+16.2	161,726	151,041	+ 7.1						
Siding & Siding Accessories	34,998	41,999	-16.7	314,379	306,414	+ 2.6						
Rigid Pipe & Tubing (Except Fittings)	255,624	234,222	+ 9.1	1,988,931R	1,858,370	+ 7.0						
All Other Extrusions	43,124	41,487	+ 3.9	355,483R	344,736	+ 3.1						
Molding, Total	45,155	39,159	+15.3	327,585	312,222	+ 4.9						
Bottles	21,869	13,948	+56.8	131,078	110,220	+18.9						
Sound Records	2,586	5,033	-48.6	28,184	42,163	-33.2						
Fittings (Rigid Pipe & Tubing)	11,651	14,182	-17.8	92,942	113,236	-17.9						
All Other Molding	9,049	5,996	+50.9	75,381	46,603	+61.8						
Paste Processes (Except Coating)	11,239	14,348	-21.7	101,885	104,044	- 2.1						
Plastisol Formulation	5,343	6,717	-20.5	50,989	52,056	- 2.0						
All Other	5,896	7,631	-22.7	50,896	51,988	- 2.1						
Resellers & Compounders	23,234	7,726	+200.7	182,340	58,996	+209.1						
All Other Uses	41,785	21,690	+92.6	211,806R	156,106	+35.7						

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SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

CRS

THERMOPLASTIC RESINS

August 1986

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	August			YEAR-TO-DATE			August			YEAR-TO-DATE		
	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	57,823	61,015	- 5.2	467,428	461,650	+ 1.3	57,823	61,015	- 5.2	467,428	461,650	+ 1.3
Total Exports	226	622	-63.7	2,923	4,385	-33.3						
Total Domestic #	57,597	60,393	- 4.6	464,505	457,265	+ 1.6						
Emulsion Paints	19,355	17,707	+ 9.3	160,543	140,417	+14.3						
Adhesives, Caulks and Sealants	21,936	24,635	-11.0	173,154	179,830	- 3.7						
Paper Treating & Paper Coating	8,674	10,298	-15.8	70,528	75,385	- 6.4						
Textile Treating	2,935	2,756	+ 6.5	22,661	21,780	+ 4.0						
Non-Woven Binders	D(1)	D(1)		D(1)	D(1)							
All Other Uses	4,697	4,997	- 6.0	37,619	39,853	- 5.6						
POLYVINYL ALCOHOL, TOTAL #	D(4)	13,460	n.c.	D(4)	97,053		D(4)	12,205	n.c.	D(4)	94,969	n.c.
Total Exports	D(4)	3,131		D(4)	19,579							
Total Domestic	D(4)	10,329		D(4)	77,474							
OTHER VINYL RESINS*, TOTAL	13,945	16,131	-13.6	126,457	127,860	- 1.1	13,944	16,340	-14.7	132,180	127,114	+ 4.0
Total Exports	3,587	4,240	-15.4	34,270	32,654	+ 4.9						
Total Domestic	10,358	11,891	-12.9	92,187	95,206	- 3.2						
*Include only polyvinyl butyral, polyvinyl formal, and polyvinylidene chloride												
THERMOPLASTIC POLYESTER, TOTAL	96,687	77,550	+24.7	748,637	626,768	+19.4	93,844	76,800	+22.2	750,748	643,026	+16.8
Total Exports	13,974	7,357	+89.9	104,059	76,262	+36.4						
Total Domestic	82,713	70,193	+17.8	644,578	550,506	+17.1						
PET Bottle Grades	59,978	53,338	+12.4	459,563	411,143	+11.8						
All Other Thermoplastic Polyester**	22,735	16,855	+34.9	185,015	139,363	+32.8						

** = Includes All Other PET and All Injection Molding Grades
# = Includes imputed data

(1) = Included in All Other Uses
(4) = The publishing of PVOH data is temporarily suspended until further notice.

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MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

THERMOSETTING & THERMOPLASTIC RESINS

RESIN CODING CLASSIFICATIONS	
EPOXY (UNMODIFIED) RESINS	EPOXY
POLYESTER (UNSATURATED) RESINS	PY
UREA RESINS	UREA
MELAMINE RESINS	MELA
PHENOLIC & OTHER TAR ACID RESINS	PHEN
LOW DENSITY POLYETHYLENE 0.940 & BELOW	LDPE
HIGH-DENSITY POLYETHYLENE ABOVE 0.940	HDPE
POLYPROPYLENE POLYMERS & COPOLYMERS	PP
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS)	ABS
STYRENE-ACRYLONITRILE (SAN)	SAN
POLYSTYRENE RESINS	PS
STYRENE BUTADIENE LATEXES - carboxylated, 45% styrene content and over	SBL
OTHER STYRENE BASED LATEXES - over 50% styrene including styrene butadiene latexes not carboxylated	OTHER SBL
OTHER STYRENE BASED POLYMERS - over 40% styrene and used in molding and extrusion processes	OTHER SBP
NYLON RESINS	NYLON
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT)	PVC
POLYVINYL ACETATE	PVAc
POLYVINYL ALCOHOL	PVOH
OTHER VINYL RESINS	OTHER VINYL
THERMOPLASTIC POLYESTER	TPY

REPORTING CLASSIFICATIONS	
CATEGORY	CODE
Production	P
Domestic Sales	D
Export Sales	E

Above Legends Refer to the Following List of Reporting Companies by Resin Category.